

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US05/02824

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : C07D 401/04; 221/00

US CL : 546/17, 210

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 546/17, 210

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
STN CAS ONLINE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 029,707 A1 (KYOWA HAKKO KOGYO CO., LTD.) 03 June 1981 (03/06/81), see entire document especially process of making compounds of formula [X] on pages 43-44.	1-56, 62-76
X	US 2003/0069249 A1 (SUN ET AL.) 10 April 2003 (10/04/03), see entire document especially formulas IV and IVa found in paragraph [0138] on page 8 through paragraph [0164] on page 9.	57-60
A	US 3,431,233 A (MURAYAMA ET AL.) 04 March 1969 (04/03/69), see entire document, especially formula (I) in column 1.	61

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

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"P" document published prior to the international filing date but later than the priority date claimed

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"&" document member of the same patent family

Date of the actual completion of the international search

04 April 2005 (04.04.2005)

Date of mailing of the international search report

27 APR 2005

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